

National Association of Abandoned Mine Land Programs

28th Annual Conference

Technical Sessions

Monday, September 25, 2006

8:30 - 10:00 **PLENARY SESSION - Whitetail Room, Montana Governor Brian Schweitzer, Speaker**

10:00 - 10:30 **BREAK**

TIME	GRANITE ROOM		TEMPEST ROOM		SKYBRIDGE ROOM	AVALANCHE ROOM	
	Coal		Hard Rock & Source Control I		Geo Spatial	Acid Mine Drainage Treatment I	
	Moderator: Tony Scales		Moderator: Tim Wilson		Moderator: George Stone	Moderator: Rob Roberts	
10:30 - 11:00	The Monongahela South No. 1 Dangerous Highwall Reclamation Project, City of Monongahela, Pennsylvania	E. Cavazza	Risk assessment of contaminated sediments downstream of Witwatersrand Gold Mining Operations	H. Coetzee, P. Wade, J. Venter	Abandoned Mine Lands Spatial Data: Collaborative Federal Efforts	A Fable: The Lesson of the McDonald Mine: What To Do When The Category 5 Katrina Of Acid Mine Drainage Remediation Strikes?	C. Lyons
11:00 - 11:30	Reclamation on the Cheap: Virginia's Implementation of the AML Enhancement Rule	R. Davis	Study of abandoned uranium mining impacts on private lands surrounding North Cave Hills, Custer National Forest, South Dakota	J. Stone, L. Stetler, Dr. A. Schwalm, R. Wintergerst, L. Walters-Clark		London Extension Tunnel Water Treatment System	A. Amundson
11:30 - 12:00	Technology Transfer Between the State of Ohio and the United Kingdom's Coal Authority on Stabilizing Abandoned Underground Mines.	J. Husted	Locating Monitoring Wells and GIS Modeling to Evaluate Source Control Strategies to Address Acid Mine Drainage at Belt, Montana	W. Botsford, P. Kennelly, T. Duaine, K. Sandau		Results of a 5-Year Field Demonstration of an Integrated Passive AMD Treatment Process	S. Nordwick

12:00 - 1:30

LUNCH ON YOUR OWN

TIME	GRANITE ROOM		TEMPEST ROOM		SKYBRIDGE ROOM	AVALANCHE ROOM	
	Club Fed		Source Control II		Communication Workshop	Geology	
	Moderator: Greg Conrad		Moderator: John Koerth		Moderator: Jane Stieber	Moderator: Keith Large	
1:30 - 2:00	"CLUB FED" Panel: Federal Abandoned Mine Programs Outside OSM		Source Controls Pros and Cons at Five Selected Mine Drainage Sites in Colorado	K. Brown	Effective Public Meetings	Modern and Ancient Coalbed Fires in the Powder River Basin	E. Heffern
2:00 - 2:30			Case Study of Groundwater Flow Within the Commodore Mine Complex	J. Graves		Ancient Landslide Deposits in the Appalachian Region Belfry Landslide AML Reclamation Project (AMD)	B. Scott, H. Aparicio
2:30 - 3:00			Assessment and Closure of the Glengarry Adit, New World Mining District, Cooke City, Montana	M.B. Marks, H. Bogert, A. R. Kirk, M. Cormier	Using the Media to Communicate	Geochemistry and Hydrogeology Of Acid Mine Drainage In The Great Falls-Lewistown Coal Field, Montana	C. Gammons, T. Duaine, W. Botsford, S. Parker, T. Grant
3:00 - 3:30			Pride of the West Mine Stope Closure: Silverton, Colorado	P. Krabacher		The Splashdam Coal Horizon in Virginia: A Non-Mine, and Active and Abandoned Mine, Hazard	A. Scales

Wednesday, September 27, 2006

TIME	GRANITE ROOM		TEMPEST ROOM	SKY TOP ROOM (23rd FLOOR)	SUNDANCE ROOM
	Hydrology		Community Involvement	Outside of the Box	AML Films
	Moderator: William Botsford		Moderator: John Husted	Moderator: Ben Quinones	Moderator: Autumn Coleman

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8:00 - 8:30	Nickel Plate Abandoned Mine Pool "Blowout" Washington & Allegheny Counties, Pennsylvania	R. Beam, S. Horrell, R. Dolence, T. Danehy, J. Ankrom, W. Fuchs, S Busler, C. Denholm, M. Dunn	Case Study: Peanut Mine Reclamation Project; Gunnison County, Colorado	S. Renner	When the Big Picture is Too Big: A Simpler Alternative to HABS/HAER (Historic)	J. Rohrer	Hidden Dangers: The Legacy of New Mexico's Abandoned Mines - New Mexico AML Program's Mine Safeguarding Movie
8:30 - 9:00	Revegetation at the Belmont Mine with Irrigation of Treated Mine Water	S. Nordwick	Virginia Residential Property Disclosure Act	N. Frantel	A Positive from Two Negatives	J. Loya, A. Ghassemi	
9:00 - 9:30	Permeable reactive barriers: Application to abandoned mine land reclamation in Utah	D. Naftz, C. Fuller, T. Snyder, B. Stolp	Environmental Good Samaritan Act	J. Reppy	Overcoming Access Issues at a Remote Passive Treatment Site near Lake Shasta, CA	J. Gusek, T. Rutkowski, B. Shipley, D. Lindsay	Silver Cinders: The Legacy of Coal and Coke in Southwestern Pennsylvania
9:30 - 10:00	Evaluation of Stable Isotopes and Solute Geochemistry for Determining Sources of Dissolved Sulfate in Groundwater	M. Hills	From the Ground Up: A Community-based Approach to Abandoned Mine Restoration	R. Roberts	Tacoma Mine Case History – Disposal of Old Explosives	A. Gallegos	

10:00 - 10:30			BREAK					
TIME	GRANITE ROOM		TEMPEST ROOM		SKY TOP ROOM (23rd FLOOR)		SUNDANCE ROOM	
	Waste Management		Technology		Communication Workshop		Acid Mine Drainage Treatment II	
	Moderator: Dale Herbort		Moderator: Sandi Olsen		Moderator: Jane Stieber		Moderator: Wayne Jepson	
10:30 - 11:00	Phytostabilization of Acid Metalliferous Tailings At the Keating AML Site in Montana	D. Neuman K. Ford	National Coal Mine Geospatial Committee and AML Reclamation Programs: digital data for the AML program	L. Meier	Effective Public Meetings		Arsenic and Metals Removal from Susie/Valley Forge Mine Field-Scale Demonstration	J. McCloskey
11:00 - 11:30	Operational Aspects of Mine Closure and Decommissioning at the Basin Creek Mine in Montana	E. Griffith, B. Antonioli, W. Botsford	Use of Remote Sensing-Based Density Analysis to Identify Acid Mine Drainage Seeps In West Virginia	D. Brown, M. Barraclough, R. Darnell, L. Evans			Investigating Extent of an Underground Coal-Mine Fire Using Airborne Infrared Thermography Georeferenced to LIDAR Basemap 1	J. Bingham
11:30 - 12:00	Disposal of Mine Wastes by Backfill of Existing Mine Excavations at an Abandoned Lead Mine in Montana	G. Sturm	Microbial Sulfate Reduction & Metal Attenuation in pH 4 Acid Mine Water & Its Potential for Acid Mine Drainage Remediation	C.D. Church	Using the Media to Communicate		Treatment of Acid Mine Drainage Using Fishbone Apatite	N. Yancey, D. Bruhn
12:00 - 12:30	Integration of Abandoned Mine Reclamation at Multiple Sites with Leach Pad Reclamation at the Basin Creek Mine in Montana	B. Antonioli, W. Botsford	New Developments in OSM's Western Region	L. Hamm			Case History -Rapid Response Assembly and Operation of a Two Million Gallon per Day Acid Mine Drainage Treatment Plant - Crossville Coal Pit -Crab Orchard, Tennessee	D. Budeit
12:30 -1:00	Expedited Methods for Assessing and Mitigating Physical & Chemical Hazards at Mine Abandoned Sites	J. Dawson						